

Title (en)

WEAR-RESISTANT ALUMINUM ALLOY EXCELLENT IN STAKING PROPERTY AND EXTRUDED PRODUCTMADE THEREOF

Title (de)

ABRIEBFESTE ALUMINIUMLEGIERUNG MIT HERVORRAGENDEM STAPELVERHALTEN UND DARAUS HERGESTELLTES STRANGGEPRESSTES PRODUKT

Title (fr)

ALLIAGE D'ALUMINIUM RESISTANT A L'USURE EXCELLENT EN TERMES DE PROPRIETE D'AGRAFAGE ET PRODUIT EXTRUDE A BASE DE CET ALLIAGE

Publication

EP 1479785 A4 20060802 (EN)

Application

EP 02705059 A 20020228

Priority

JP 0201885 W 20020228

Abstract (en)

[origin: EP1479785A1] A wear-resistant aluminum alloy improved in wear resistance (or viscosity), strength and hardness, and also having improved caulking properties which have been conventionally considered to conflict with the wear resistance, strength and hardness; and an extruded product using the aluminum alloy. The wear-resistant aluminum alloy includes: 0.1 to 0.45 wt% of Mg, 3.0 to 6.0 wt% of Si, 0.01 to 0.5 wt% of Cu, 0.01 to 0.5 wt% of Fe, 0.01 to 0.5 wt% of Mn, 0.01 to 0.5 wt% of Cr, and the remainder being Al and unavoidable impurities. <IMAGE>

IPC 1-7

C22C 21/02

IPC 8 full level

C22C 21/02 (2006.01)

CPC (source: EP US)

C22C 21/02 (2013.01 - EP US)

Citation (search report)

- [A] EP 1108798 A2 20010620 - HONDA MOTOR CO LTD [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 128 (C - 1174) 2 March 1994 (1994-03-02)
- See references of WO 03072839A1

Cited by

EP2450462A4; EP2811041A4

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DOCDB simple family (publication)

EP 1479785 A1 20041124; EP 1479785 A4 20060802; EP 1479785 B1 20081231; AT E419404 T1 20090115; DE 60230678 D1 20090212; JP 3979602 B2 20070919; JP WO2003072839 A1 20050623; US 2004223869 A1 20041111; US 7473327 B2 20090106; WO 03072839 A1 20030904

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